

ATTACHMENT A - ENVISION HIGHWAY RECOMMENDED LIST

Project Title (Location)	Description	COST (\$M) in 2017
US 101 Improvements to address regional connectivity and circulation between San Antonio and Charleston (Palo Alto and Mountain View)	US 101/San Antonio to Charleston/Rengstorff Improvements	\$ 35.0
SR 85/SR 237 Area Improvements to address mainline congestion and regional connectivity (Mountain View)	US 101/Shoreline Improvements	\$ 15.0
SR 237/US 101/Mathilda Area Improvements to address local roadway congestion (Sunnyvale)	SR 85/SR 237 Connector Improvements	\$ 40.0
SR 237 Corridor Improvements to address mainline congestion and regional connectivity (San Jose, Santa Clara and Milpitas)	SR 85/EI Camino Real Improvements	\$ 27.0
I-280 West County Improvements to address mainline congestion (Los Altos, Los Altos Hills, Cupertino and Palo Alto)	SR 237/EI Camino Real/Grant Rd Improvement	\$ 8.0
SR 85/I-280 Area Improvements to address regional Connectivity (Cupertino, Los Altos, and Sunnyvale)	Improve the interchange at SR 237/US 101/Mathilda	\$ 44.0
US 101/Trimble to Zanker Area Improvements to address local roadway connectivity and mainline congestion (San Jose and Santa Clara)	SR 237 WB/EB Aux Lane (Zanker to N. First /N. First to Zanker)	\$ 42.0
US 101/Mabury Improvements (San Jose)	SR 237/Great America WB off-ramp Improvements	\$ 13.0
I-680 Corridor Improvements to address mainline congestion and regional connectivity (San Jose and Milpitas)	I-280 Mainline and Interchange Improvements (Magdalena to San Mateo County Line)	\$ 60.0
	NB I-280/Foothill Braided Ramp	\$ 47.0
	NB I-280/Foothill off-ramp Improvements	\$ 4.0
	US 101/SR 87/Trimble/De La Cruz Improvements	\$ 50.0
	US 101/SB SR 87 Connector Improvements	\$ 3.0
	US 101/Zanker Overcrossing	\$ 68.0
	US 101/Mabury New I/C to address regional access	\$ 70.0
	I-680/Alum Rock Improvements	\$ 25.0
	I-680/McKee Improvements	\$ 25.0

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I-280/Winchester Area Improvements (San Jose and Santa Clara)	I-280/Winchester Area Improvements to address regional connectivity	\$ 75.0
SR 87 Technology-based Corridor improvements (San Jose)	SR 87 Technology-based Corridor improvements to address mainline congestion and system reliability	\$ 40.0
SR 17 Corridor Improvements to address mainline congestion (Los Gatos)	SR 17 Widening (Lark to South of Hwy 9)	\$ 35.0
US 101/Blossom Hill I/C (San Jose)	SR 17/SR 9 Interchange Improvements	\$ 15.0
US 101 Improvements to address mainline congestion and regional connectivity (Gilroy)	US 101/Blossom Hill I/C to address local roadway congestion and connectivity including for bicyclists and pedestrians	\$ 25.0
US 101/SR 25 Improvements (Gilroy)	US 101/Buena Vista I/C	\$ 35.0
I-280/Wolfe I/C Improvements (Cupertino)	US 101/SR 152 10th Street Ramp and Intersection Improvement	\$ 10.0
	US 101/SR 25 to address regional connectivity and goods movement network improvements	\$ 65.0
	I-280/Wolfe I/C Improvement to address mainline congestion and improve local traffic circulation.	\$ 65.0
		\$ 941.0

** Working assumption is that Tax Measure would fund at most 80% of Total Needed Cost of any project selected for Tax Measure*

ATTACHMENT B - COUNTYWIDE EXPRESSWAY TIER 1 LIST

Project Title	Description	COST (\$M) in 2017
Almaden Expressway at SR-85 - Interim Improvements	Interim improvement: add left-turn lane from southbound Almaden Expressway to SR 85 in San Jose	\$ 0.5
Almaden Expressway at Branham Lane Intersection Improvement	Extend 4th southbound lane to begin north of intersection at the intersection of Almaden Expressway and Branham Lane in San Jose	\$ 0.7
Almaden Expressway at Camden Ave intersection improvements	Add 2nd left turn lane from Almaden Expressway onto Camden Avenue in San Jose; provide for three through lanes at the intersection; and close sidewalk gaps	\$ 2.7
Capitol Expressway Widening from I-680 to Capitol Avenue	Widen Capitol Expressway from 6 to 8 lanes; includes ramp realignments and sound wall and sidewalk gap closures in San Jose	\$ 12.1
Central Expressway at Thompson	Remove uncontrolled median opening (either signalize or close median) in Mountain View	\$ 0.5
Foothill Expressway widening between El Monte and San Antonio	Widen from 4 to 6 lanes by extending right turn lanes (auxiliary lanes) and make intersection improvements at El Monte and San Antonio in Los Altos	\$ 2.3
Lawrence Expressway at Homestead Road Interim Improvements	Interim improvement: Add eastbound through lane on Homestead Road through Lawrence Expressway intersection in Santa Clara	\$ 2.7
Lawrence Expressway at Homestead Road Interim Improvements	Interim improvement: Add eastbound through lane on Homestead Road through Lawrence Expressway intersection in Santa Clara	\$ 2.7
Lawrence Expressway at Homestead Road Grade Separation	Grade separation of Lawrence Expressway at Homestead Road, including HOV lanes and class I bike/ped trail (Part of ultimate plan to make Lawrence freeway-like between I-280 and US 101 by removing all signals).	\$ 100.0
Lawrence Expressway from Reed/Monroe to Arques Grade Separation	Grade separation of Lawrence Expressway from Reed/Monroe to Arques including HOV lanes and class I bike/ped trails on both sides of expressway (Part of ultimate plan to make Lawrence freeway-like between I-280 and US 101 by removing all signals).	\$ 440.0
Montague Expressway widening between Main/Oakland and McCarthy/OTOole	Widen Montague Expressway from 6 to 8 lanes (HOV lane in westbound only) including modifications to I-880 interchange and closing sidewalk gaps	\$ 35.2
Montague Expressway widening between Trade Zone and Main/Oakland	Widen Montague Expressway between Trade Zone Boulevard and Main Street/Oakland Avenue to add eastbound auxiliary lane in Milpitas	\$ 2.1
Montague Expressway Widening Between Great Mall to Trade Zone	Widen Montague Expressway from 6 to 8 lanes (HOV lanes) including closing sidewalk gaps in San Jose and Milpitas	\$ 6.2
Oregon-Page Mill widening between I-280 and Foothill Expressway	Widen Oregon-Page Mill Expressway from 4 to 6 lanes between I-280 and Foothill Expressway with intersection improvements at Junipero Serra Blvd-Foothill intersection, including a bike/pedestrian trail extension from Deer Creek Road to I-280 and enhanced bicycle connection from easterly Old Page Mill Road access to Junipero Serra Blvd	\$ 23.5
Oregon-Page Mill intersection improvements	Intersection improvements include - extend/add left turn lanes at various intersections between Porter Drive and north of Hansen, and convert Hanover intersection to 8-phase signal operations	\$ 2.7
Oregon-Page Mill/EI Camino Real	Intersection improvements: extend double left turn from westbound Page Mill to southbound EI Camino and modify southwest and southeast corners for improved pedestrian crossings	\$ 2.4

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San Tomas Expressway Widening between Homestead and Stevens Creek	Widen San Tomas Expressway from 6 to 8 lanes, including extending San Tomas Aquino Spur Trail along west side of Expressway, from Homestead to Stevens Creek Blvd and add sidewalks along east side consistent with pedestrian route plan	\$ 42.0
Santa Teresa-Hale Corridor Extension	Build 2-lane road connection with trail on Santa Teresa Blvd from DeWitt to Main in Morgan Hill	\$ 13.8
Santa Teresa-Hale Corridor widening	Widen Santa Teresa Boulevard to 4 travel lanes and add trail between Long Meadow and Fitzgerald Avenue	\$ 8.4
SR 17/San Tomas Expressway Interim Improvements	Interim improvement: northbound SR 17 off-ramp improvements to include signal at White Oaks with interconnect at San Tomas/Camden signal and lane reconfigurations (Tier 1 Exp Plan 2040)	\$ 2.0
I-280/Foothill Expressway Interchange Modifications	Add signal at the southbound I-280 off-ramp intersection and intersection improvements at northbound I-280 off-ramp, including pedestrian crossing enhancements, potential Stevens Creek Trail and northbound auxiliary lane on Foothill to Homestead	\$ 5.0
I-280/Oregon-Page Mill Road Interchange Improvements	Modify interchange: Proposed concept is roundabout west of interchange, park-and ride lot reconfiguration, signal at northbound I-280 off-ramp, frontage road from Christopher Lane to Old Page Mill, and signal at Old Page Mill. Plus bicycle and pedestrian improvements throughout.	\$ 21.0
Expressway ITS/Signal System	Intelligent Transportation System (ITS) Short Term: Replace/upgrade/add fiber optic lines; upgrade equipment for new technologies; systemwide pedestrian sensors; enhance/replace bicycle and vehicle detection with new technologies on the County expressways	\$ 17.5
		\$ 746.0